AMENDMENTS TO THE DRAWINGS

Please replace the existing informal Figures 1-6 with the four attached formal

replacement sheets, which are marked as such in their headers. The formal replacement

drawings are substantively identical to those being replaced.

Attachment: Replacement Sheets

Serial No. 10/010,614

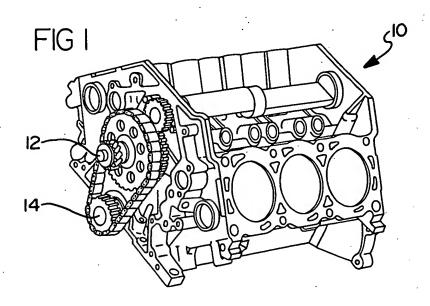
Page 5 of 8

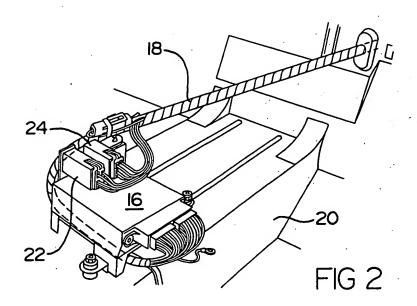


Title: AUTONOMOUS CONTROL OF ENGINE OPERATION VIA A LOOKUP TABLE Inventor: Bortolin, Serial No. 10/010,614, Filed 12/5/2001
Atty. Ref. 705384US1 REPLACEMENT

REPLACEMENT SHEET

1/4





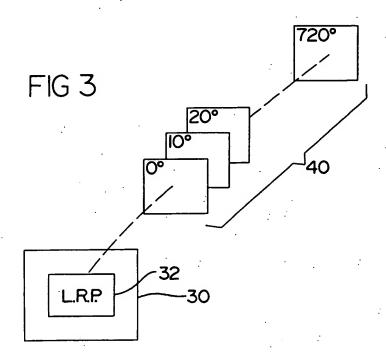


Title: AUTONOMOUS CONTROL OF ENGINE OPERATION VIA A LOOKUP TABLE Inventor: Bortolin, Serial No. 10/010,614, Filed 12/5/2001

Atty. Ref. 705384US1

REPLACEMENT SHEET

2/4



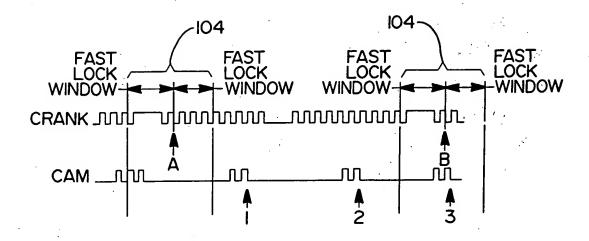


FIG 6



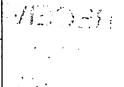
Title: AUTONOMOUS CONTROL OF ENGINE OPERATION'VIA A LOOKUP TABLE Inventor: Bortolin, Serial No. 10/010,614, Filed 12/5/2001 Atty. Ref. 705384US1 REPLACEMENT

REPLACEMENT SHEET

3/4



BIT	FUNCTION	
50	ACCUMULATE PERIOD DATA	
52	TRANSFER WORKING REGISTER	
54	ACCUMULATE PERIOD DATA	
56	ACCUMULATE PERIOD DATA	
58	GENERATE PULSE 0.1 DEGREES	
60	GENERATE PULSE 0.1 DEGREES	
62	PERIOD CAPTURE	
64	INTERRUPT	
66	INTERRUPT	· • ·
68	INTERRUPT	
70	INTERRUPT	





Title: AUTONOMOUS CONTROL OF ENGINE OPERATION VIA A LOOKUP TABLE

Inventor: Bortolin, Serial No. 10/010,614, Filed 12/5/2001

Atty. Ref. 705384US1

REPLACEMENT SHEET

4/4.

FIG 5

